



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.7819

Job Sheet 181338



Spl: 7
5

Part No: 647.7819

Job Qty: 40 ea

Part Name: Cross Bracket Fwd



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/25/18

Job Tracking No:

Due Date: 9/10/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV A IPP REV:A NEW ISSUE JFS 15/03/18 VERIFIED BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	40 Ea		9/10/18	0.00	0.00	Start Up Machining-1		18-12-11
100	Bandsaw	40 pcs		9/10/18	0.00	2.00	Bandsaw1		19-11-08
110	CNC Vertical Machining	40 pcs		9/10/18	0.00	225.72	HAAS 5 Axis		19-11-08
120	QC	40 pcs		9/10/18	0.00	0.00	QC1 QC2		19-11-08
130	QC	40 pcs		9/10/18	0.00	0.00	QC8 Machining-1		19-11-08
140	Outsource	40 pcs		9/10/18			ATG001-VC	5	19-11-08
150	Packaging	40 pcs		9/10/18	0.00	0.00	Packaging2-5		NOV 2 2019
155	QC	40 pcs		9/10/18	0.00	0.00	QC5		DEC 6 2018
180	Packaging	40 pcs		9/10/18	0.00	0.00	Packaging3-1		74 DEC 8 2019
190	QC21-SA	40 Ea		9/10/18	0.00	0.00	QC21		9-89

Part Op 100 - Cut Blank at 11.350"

Descriptions: 110 - 1-Machine per folio FB375 DWG REV: A FOLIO REV: A 2-Deburr and break all sharp edges

120 - Inspect on CMM as per folio CMMA002. DWG REV: CMM PROG. REV:

140 - Issue P/O to ATG: 45093 HARD ANODIZE COLOR BLACK, AND PRIME AS PER DWG 647.7819

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6B1.250X1.000	7075-T6 Bar 1.250" X 1.000"	37.8400 ft (.946 ea)	90-Start up Operation	5136 820

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6B1.250X1.000	38	87	0

Part Specifications

Specifications could not be found.



Container No: S136824



Part: 647.7819

Job No: 181338

Serial No/Batch: S136824

Revision:

Inspector:

Exp Date:

Instructions:

DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 12/11/16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

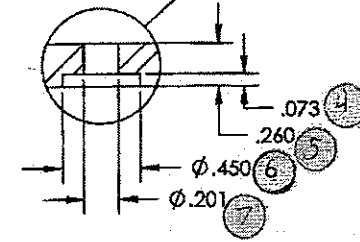
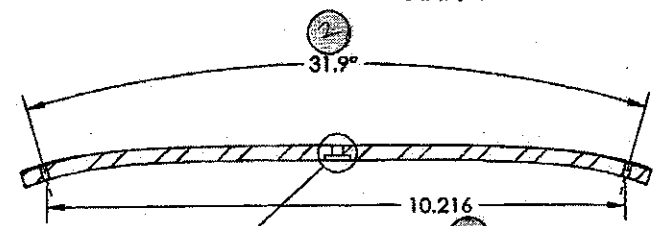
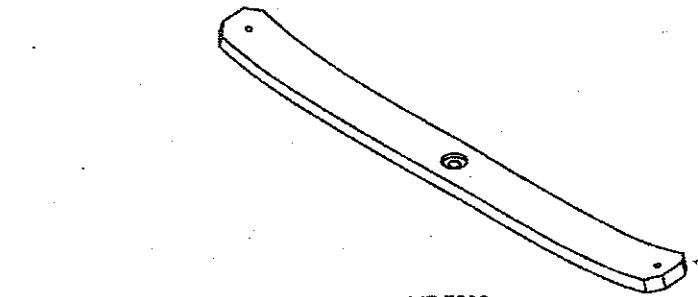
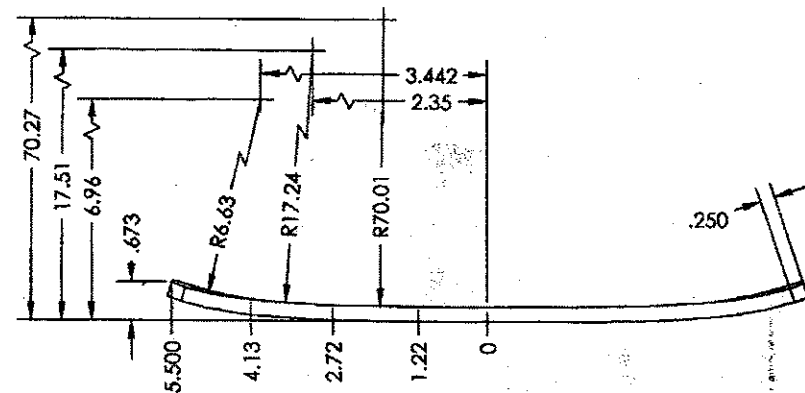
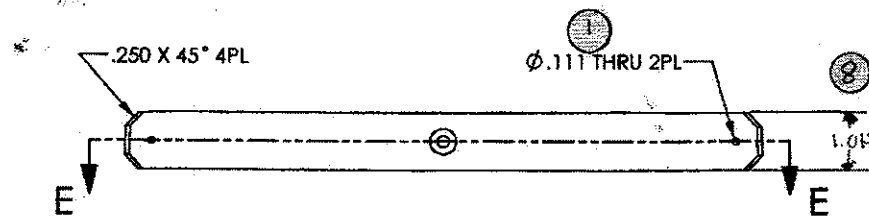
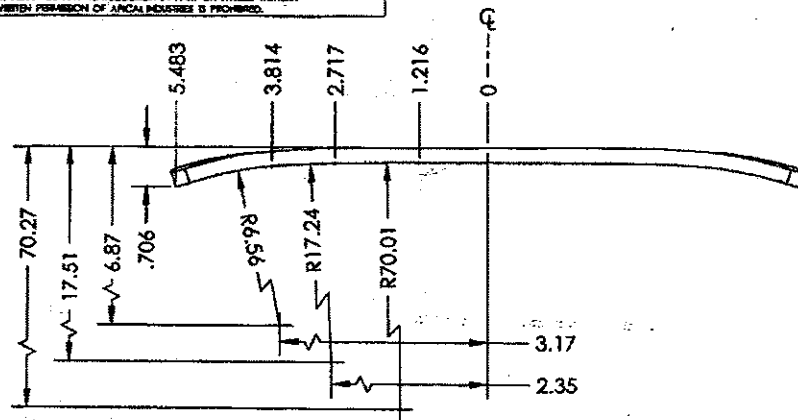
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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REV.	DESCRIPTION	DATE	APPROVED



DESIGNED BY: J. L. HARRIS DRAWN BY: J. L. HARRIS CHECKED BY: J. L. HARRIS DATE: 10/10/00 TITLE: BRACKET		APICAL INDUSTRIES 2508 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
SCALE: NONE		SHEET 7 OF 9	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval _____		
Description Work Order Deviation				Disposition				Completed By _____	
								Lead hand / Supervisor Approval Verification _____	
								QC / QA Coordinator Approval _____	
								Approval _____	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
OTHER : _____									



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045093**



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045093

PO Date: 11/13/19

Due Date: 11/29/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-11-22

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	181338	647.7819	647.7800 Rev A	Cross Bracket Fwd : Various STC's Issue P/O to ATG: HARD ANODIZE COLOR BLACK, AND PRIME AS PER DWG 647.7819	Firmed X5	-	11/29/19	5 pcs	0 pcs	5 pcs	\$12.27/pcs	\$61.35
Line Item Note ***5 pcs. RUSH** 181338-A X 35 6107-2-2 AON												
					Firmed	-	11/21/19	35 pcs	0 pcs	35 pcs	\$12.27/pcs	\$429.45
Sub Total:								40	0	40		\$490.80
2	202746	647.1812	647.1800 Rev NC	Shim : Various STC's (Outsource process- Anodize per QSI017 4.1.10.1) ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed X60	-	11/21/19	60 pcs	0 pcs	60 pcs	\$7.87/pcs	\$472.20
Line Item Note ***10 pcs. RUSH*** 6107-2-2 AON												
3	200587	646.3610	646.3600 Rev NC	Filler : Various STC's Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3600	Firmed X20	-	11/29/19	20 pcs	0 pcs	20 pcs	\$7.62/pcs	\$152.40



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PURCHASE ORDER **POHB045093**



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	200102	RB6798089-1	6798089 Rev A	Plate Outsource process- Anodize per QSI017 4.1.10.1 -Issue P/O -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS- 2, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed	-	11/29/19	2 pcs	0 pcs	2 pcs	\$41.02/pcs	\$82.04

Grand Total: \$1,197.44

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/22/19 8:48 AM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919032

Date: 27-Nov-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
5 ea	Part: 647.7819 Cross Bracket Fwd Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: _____ Expiry Date: _____ Job: 26462 PO: POHB045093	Rev: A	Line: 1
20 ea	Part: 646.3610 Filler Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot# <u>120908</u> Expiry Date: <u>10/20</u> Job: 26464 PO: POHB045093	Rev: N/C	Line: 3
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>NOV 27 2019</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ Made in Canada.			

RECEIVED

NOV 27 2019

DART AEROSPACE LTD.

